

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	27	frequenc\$3 near3 diversity and receiv\$4 same (peak\$ or magnitude\$1 or amplitude\$1) near4 (detect\$4 or measur\$5 or determin\$4 or estimat\$4 or extract\$4) same (noise\$1 or interference\$1 or isi) near4 (cancel\$4 or suppress\$4 or mitigat\$4 or reduc\$4 or minimi\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 19:09
L15	69	((frequenc\$3 near3 diversity) or rake\$1) and receiv\$4 same (peak\$ or magnitude\$1 or amplitude\$1) near4 (detect\$4 or measur\$5 or determin\$4 or estimat\$4 or extract\$4) same (noise\$1 or interference\$1 or isi) near4 (cancel\$4 or suppress\$4 or mitigat\$4 or reduc\$4 or minimi\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 19:19
L16	28	((frequenc\$3 near3 diversity) or rake\$1) and receiv\$4 same (peak\$ or magnitude\$1 or amplitude\$1) near4 (detect\$4 or measur\$5 or determin\$4 or estimat\$4 or extract\$4) same (noise\$1 or interference\$1 or isi) near4 (cancel\$4 or suppress\$4 or mitigat\$4 or reduc\$4 or minimi\$5) and (fm or (frequenc\$3 near3 modulat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 18:43
L17	37	((frequenc\$3 near3 diversity) or rake\$1) and receiv\$4 same delay\$4 near3 profile\$1 same (noise\$1 or interference\$1 or isi) near4 (cancel\$4 or suppress\$4 or mitigat\$4 or reduc\$4 or minimi\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 19:07
L18	1	(frequenc\$3 near3 diversity) and receiv\$4 same delay\$4 near3 profile\$1 same (noise\$1 or interference\$1 or isi) near4 (cancel\$4 or suppress\$4 or mitigat\$4 or reduc\$4 or minimi\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 19:07

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L19	0	((frequenc\$3 near3 diversity) or rake\$1) and receiv\$4 same (peak\$ or magnitude\$1 or amplitude\$1) near4 (detect\$4 or measur\$5 or determin\$4 or estimat\$4 or extract\$4) same compar\$4 with "each\$2other" same (noise\$1 or interference\$1 or isi) near4 (cancel\$4 or suppress\$4 or mitigat\$4 or reduc\$4 or minimi\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 19:16
L20	0	((frequenc\$3 near3 diversity) or rake\$1) and receiv\$4 same (peak\$ or magnitude\$1 or amplitude\$1) near4 (detect\$4 or measur\$5 or determin\$4 or estimat\$4 or extract\$4) same compar\$4 with "each\$2other"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 19:16
L21	0	((frequenc\$3 near3 diversity) or rake\$1) and receiv\$4 same (peak\$ or magnitude\$1 or amplitude\$1) near4 (detect\$4 or measur\$5 or determin\$4 or estimat\$4 or extract\$4) same compar\$4 with "each other"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 19:16
L22	0	((frequenc\$3 near3 diversity) or rake\$1) and receiv\$4 same (peak\$ or magnitude\$1 or amplitude\$1) near4 (detect\$4 or measur\$5 or determin\$4 or estimat\$4 or extract\$4) same compar\$4 with "one another"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 19:16
L23	180	((frequenc\$3 near3 diversity) or rake\$1) and receiv\$4 same (power\$1 or energ\$3) near4 (detect\$4 or measur\$5 or determin\$4 or estimat\$4 or extract\$4) same (noise\$1 or interference\$1 or isi) near4 (cancel\$4 or suppress\$4 or mitigat\$4 or reduc\$4 or minimi\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 19:21
L24	315	((frequenc\$3 near3 diversity) or rake\$1) and receiv\$4 same (power\$1 or energ\$3) near4 (detect\$4 or measur\$5 or determin\$4 or estimat\$4 or extract\$4) same compar\$4 and (noise\$1 or interference\$1 or isi) near4 (cancel\$4 or suppress\$4 or mitigat\$4 or reduc\$4 or minimi\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 19:22

## EAST Search History

L25	34	((frequenc\$3 near3 diversity) or rake\$1) and receiv\$4 same (power\$1 or energ\$3 or magnitude\$1 or amplitude\$1 or peak\$1) near4 (detect\$4 or measur\$5 or determin\$4 or estimat\$4 or extract\$4) same compar\$4 same (noise\$1 or interference\$1 or isi) near4 (cancel\$4 or suppress\$4 or mitigat\$4 or reduc\$4 or minimi\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 19:23
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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L31	15	(fm or (frequenc\$3 near3 modul\$4)) same center near3 frequenc\$3 same (noise\$1 or interference\$1 or isi) same compar\$4 same subtract\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 12:06
L32	10	(fm or (frequenc\$3 near3 modul\$4)) same center near3 frequenc\$3 same (noise\$1 or interference\$1 or isi) with (frequeunc\$3 or band\$1 or sub\$2band\$1 or tone\$1 or carrier\$1 or sub\$2carrier\$1) same compar\$4 same subtract\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 12:13
L33	6	(fm or (frequenc\$3 near3 modul\$4)) and center near3 frequenc\$3 same deviat\$4 same (noise\$1 or interference\$1 or isi) with (frequeunc\$3 or band\$1 or sub\$2band\$1 or tone\$1 or carrier\$1 or sub\$2carrier\$1) same compar\$4 same subtract\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 12:11
L34	2	("4029906").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 12:11
L35	6	(fm or (frequenc\$3 near3 modul\$4)) same center near3 frequenc\$3 same (noise\$1 or interference\$1 or isi) with (frequeunc\$3 or band\$1 or sub\$2band\$1 or tone\$1 or carrier\$1 or sub\$2carrier\$1) same swing\$4 same compar\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 12:19
L36	311	(fm or (frequenc\$3 near3 modul\$4)) and (noise\$1 or interference\$1 or isi) with (frequeunc\$3 or band\$1 or sub\$2band\$1 or tone\$1 or carrier\$1 or sub\$2carrier\$1) same (deviat\$4 or swing\$4) same compar\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 12:20

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L40	340	(fm or (frequenc\$3 near3 modul\$4)) same (noise\$1 or interference\$1 or isi) with (frequeunc\$3 or band\$1 or sub\$2band\$1 or tone\$1 or carrier\$1 or sub\$2carrier\$1) with (deviat\$4 or swing\$4) with (noise\$1 or isi or interference\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 12:23
L41	39	(fm or (frequenc\$3 near3 modul\$4)) same (noise\$1 or interference\$1 or isi) with (frequeunc\$3 or band\$1 or sub\$2band\$1 or tone\$1 or carrier\$1 or sub\$2carrier\$1) with (deviat\$4 or swing\$4) with (larger or greater or higher)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 12:30
L42	29	(fm or (frequenc\$3 near3 modul\$4)) same (additive\$1 or added or adding or presen\$2) with (noise\$1 or interference\$1 or isi) with (frequeunc\$3 or band\$1 or sub\$2band\$1 or tone\$1 or carrier\$1 or sub\$2carrier\$1) with (larger or greater or higher)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 12:37
L43	122	(fm or (frequenc\$3 near3 modul\$4)) same (additive\$1 or added or adding or presen\$2) with (noise\$1 or interference\$1 or isi) with (frequeunc\$3 or band\$1 or sub\$2band\$1 or tone\$1 or carrier\$1 or sub\$2carrier\$1) same (larger or greater or higher)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 12:31
L46	95	(fm or (frequenc\$3 near3 modul\$4)) same (noise\$1 or interference\$1 or isi) with (frequeunc\$3 or band\$1 or sub\$2band\$1 or tone\$1 or carrier\$1 or sub\$2carrier\$1) with (larger or greater or higher) near5 (amplitude\$1 or magnitude\$1 or power\$1 or energ\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 13:42
L47	21	(fm or (frequenc\$3 near3 modul\$4)) same (noise\$1 or interference\$1 or isi) with (frequeunc\$3 or band\$1 or sub\$2band\$1 or tone\$1 or carrier\$1 or sub\$2carrier\$1) with (upper or lower) with (larger or greater or higher) near5 (amplitude\$1 or magnitude\$1 or power\$1 or energ\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 13:47

## EAST Search History

L48	55	(fm or (frequenc\$3 near3 modulat\$4)) and (noise\$1 or interference\$1 or isi) with (frequeunc\$3 or band\$1 or sub\$2band\$1 or tone\$1 or carrier\$1 or sub\$2carrier\$1) with (upper or lower) with (larger or greater or higher) near5 (amplitude\$1 or magnitude\$1 or power\$1 or energ\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 13:54
L49	3	(fm or (frequenc\$3 near3 modulat\$4)) and (noise\$1 or interference\$1 or isi) with (frequeunc\$3 or band\$1 or sub\$2band\$1 or tone\$1 or carrier\$1 or sub\$2carrier\$1) with (upper or lower) with (larger or greater or higher) near5 (amplitude\$1 or magnitude\$1 or power\$1 or energ\$3) with compar\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/25 13:55